

DG3270 | Touchstone® DG3270 Cable Gateway



32x8 DOCSIS® 3.0 Cable Gateway with 802.11ac Wi-Fi & MoCA®2.0

- Supports coaxial data routing in the home via the MoCA 2.0 interface
- Advanced Feature support with Guest SSID, DLNA, and File Sharing
- Allows custom designed setups to be applied to monitor the end user more efficiently with multiple provisioning methods (SNMP, configuration file, remote web GUI access, TFTP, and TR-069)
- Flexibility of configuration and control with multiple local and remote access levels (user, admin, etc.)

The Touchstone DG3270 is a DOCSIS3.0 home data gateway supporting 32 x 8 channel bonding for up to 1.3Gbps of broadband data. It combines a 4-port gigabit router, MoCA 2.0 over coax, and a dual band 802.11ac wireless access point.

The DG3270 serves as the hub of service delivery in the subscriber's home providing high-speed data, voice and IP video to wired and wireless connected devices.

Product Classification

Regional Availability	Latin America North America
Product Type	Cable gateway

General Specifications

Access Technology	DOCSIS 3.0
Channel Bonding	Up to 32x8 SC-QAM
Ethernet Ports	4 x GigE
Interfaces	4x RJ45 (10/100/1000 Base-T) 'F' type connector
MoCA	MoCA 2.0
RF Downstream Frequency Range	108-1002 MHz
RF Downstream Bonded Channels, quantity	Up to 32
RF Downstream Input Sensitivity Level	-15 dBmV to 15 dBmV
RF Downstream Data Rate	Up to 1280 Mb/s
RF Upstream Frequency Range	5-42 MHz or 5-85 MHz (depending on model)
RF Upstream Bonded Channels, quantity	Up to 8
RF Upstream Output Level	54 dBmV (64 QAM, 4-8 upstreams) 56 dBmV (SCDMA, single upstream) 57 dBmV (64 QAM, single upstream) 58 dBmV (16 QAM, single upstream)
RF Upstream Data Rate	Up to 240 Mb/s
USB	USB 2.0 Powered Host Port

DG3270 | Touchstone® DG3270 Cable Gateway

USB Data Rate, maximum	480 Mb/s
Voice	No
Wi-Fi Interface Standard	IEEE 802.11a/b/g/n/ac
Wi-Fi Band	2.4 GHz 5 GHz
Wi-Fi Interface Standard at 2.4 GHz	3x3, 802.11n
Wi-Fi Interface Standard at 5 GHz	3x3, 802.11ac

Electrical Specifications

Input Voltage	115–220 Vac
----------------------	-------------